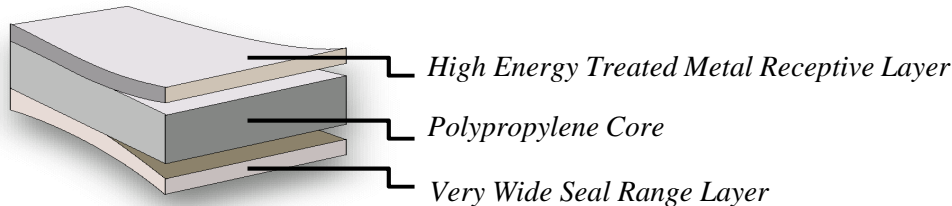


# N3S - Metallizable Base Heat Sealable



## Key Performance Characteristics:

Metallizable base film with very wide seal range

## Applications:

In house or toll metallizing for inner web of extrusion laminations

## Technical Data

PROPERTIES	TEST METHOD	UNITS	TYPICAL VALUES	
			N3S25	N3S30
THICKNESS	Internal	mil ( $\mu\text{m}$ )	0.97 (25)	1.16 (30)
YIELD	Internal	in <sup>2</sup> /lb (m <sup>2</sup> /kg)	31,500 (44.8)	26,000 (37.2)
HEAT SEAL INITIATION (untreated side)	1/2 sec, 30 PSI	°F / (°C)	168 / (75)	
COEFFICIENT OF FRICTION (non treated side/non treated side)	ASTM D1894	Dynamic	0.37	
HAZE	ASTM D1003	%	3.2	
GLOSS (45°)	ASTM D2457	G.U.	88	
TENSILE STRENGTH (MD/TD)	ASTM D882	lb/in <sup>2</sup> (kg/cm <sup>2</sup> )	21,000 / 37,500 (1,500) / (2,650)	
ELONGATION AT BREAK (MD/TD)	ASTM D882	%	185 / 60	
DIMENSIONAL STABILITY (MD/TD)	266°F (130°C) 5 min	%	<6 / <4	
WATER VAPOR TRANSMISSION RATE (WVTR)	ASTM F 1249 100°F (38°C), 90% RH	g/100in <sup>2</sup> /24h (g/m <sup>2</sup> /24h)	0.35 (5.4)	0.28 (4.3)
SURFACE ENERGY	ASTM D2578	dyne/cm	40	

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The above properties and results obtained refer to the average values of laboratory testing carried out on sample Inteplast product. Inteplast does not guarantee testing accuracy and makes no guarantee of product performance, safety or suitability, either expressed or implied, when used alone or in combination with other products. Inteplast strongly urges users to undertake independent testing in order to verify the suitability of the product for whatever intended use. Inteplast assumes no responsibility for any damage or injury sustained as a result of the use of its products.